

Maxsun Challenger A520M-K DDR4 Motherboard

Sale Price: 8500.0



PRODUCT ID: 0012353

Category	Feature / Hardware Parameter	Detailed Specifications & Supported Standards	Notes & Operational Details
Basic Info	Motherboard Model	MAXSUN Challenger A520M-K	Budget Micro-ATX layout
	Chipset	AMD A520 Chipset	Standard entry-level AM4 platform
	Form Factor	Micro-ATX (M-ATX)	Dimensions: 220mm × 180mm
	OS Compatibility	Windows 10 (64-bit), Windows 11 (64-bit)	Plug-and-play driver support
CPU & Socket	CPU Socket	AMD Socket AM4	Supports 65W TDP CPUs standard
	Processor Compatibility	• AMD Ryzen 3000 Series CPUs • AMD Ryzen 4000 G-Series APUs • AMD Ryzen 5000 Series CPUs • AMD Ryzen 5000 G-Series APUs	Not compatible with older 1st/2nd Gen Ryzen models
Memory	Memory Slots	2 × DDR4 DIMM slots	Dual-Channel architecture supported
	Max Capacity	Up to 64GB total (32GB per DIMM slot)	Supports non-ECC Unbuffered RAM
	Supported Frequencies	DDR4 2400 / 2666 / 2933 / 3200 (OC) MHz	Extreme Memory Profile (AMD A-XMP) support
Expansion	Primary PCIe Slot	1 × PCIe 3.0 x16 slot	Designed for dedicated graphics cards
	Secondary PCIe Slot	1 × PCIe 3.0 x1 slot	For sound cards, Wi-Fi cards, or expansion adapters
Storage	M.2 Slot Interface	1 × M.2 Slot (Key M, Type 2242/2280)	Supports PCIe NVMe x4 & SATA 6Gb/s SSDs
	SATA Connectors	3 × SATA 6Gb/s (SATA III) ports	Supports standard 2.5" SSDs and 3.5" HDDs
	RAID Support	RAID 0, RAID 1, RAID 5, RAID 10	Configurable for SATA drive arrays
Graphics Output	HDMI Port	1 × HDMI port	Up to 4K resolution @ 30Hz (Requires APU)

Audio &
Network

Audio Controller

Realtek ALC897 Codec

5.1-Channel High Definition Aud